Gary J Brenner

List of Publications by Year
in descending order

47 papers	5,087 citations	257450 24 h-index	223800 46 g-index
48 all docs	48 docs citations	48 times ranked	5903 citing authors

#	Article	IF	Citations
1	Nociceptive-specific activation of ERK in spinal neurons contributes to pain hypersensitivity. Nature Neuroscience, 1999, 2, 1114-1119.	14.8	699
2	Nociceptors Are Interleukin-1Î² Sensors. Journal of Neuroscience, 2008, 28, 14062-14073.	3.6	533
3	Cannabinoids mediate analgesia largely via peripheral type 1 cannabinoid receptors in nociceptors. Nature Neuroscience, 2007, 10, 870-879.	14.8	504
4	ERK MAP Kinase Activation in Superficial Spinal Cord Neurons Induces Prodynorphin and NK-1 Upregulation and Contributes to Persistent Inflammatory Pain Hypersensitivity. Journal of Neuroscience, 2002, 22, 478-485.	3.6	429
5	T-Cell Infiltration and Signaling in the Adult Dorsal Spinal Cord Is a Major Contributor to Neuropathic Pain-Like Hypersensitivity. Journal of Neuroscience, 2009, 29, 14415-14422.	3.6	380
6	Ionotropic and Metabotropic Receptors, Protein Kinase A, Protein Kinase C, and Src Contribute to C-Fiber-Induced ERK Activation and cAMP Response Element-Binding Protein Phosphorylation in Dorsal Horn Neurons, Leading to Central Sensitization. Journal of Neuroscience, 2004, 24, 8310-8321.	3.6	348
7	Genetically Engineered Microvesicles Carrying Suicide mRNA/Protein Inhibit Schwannoma Tumor Growth. Molecular Therapy, 2013, 21, 101-108.	8.2	282
8	TRPA1 Contributes to Cold Hypersensitivity. Journal of Neuroscience, 2010, 30, 15165-15174.	3.6	248
9	Complement Induction in Spinal Cord Microglia Results in Anaphylatoxin C5a-Mediated Pain Hypersensitivity. Journal of Neuroscience, 2007, 27, 8699-8708.	3.6	211
10	Accelerating axonal growth promotes motor recovery after peripheral nerve injury in mice. Journal of Clinical Investigation, 2011, 121, 4332-4347.	8.2	195
11	miRNA-7 Attenuation in Schwannoma Tumors Stimulates Growth by Upregulating Three Oncogenic Signaling Pathways. Cancer Research, 2011, 71, 852-861.	0.9	142
12	Sympathetic nervous system modulation of the immune system. III. Alterations in T and B cell proliferation and differentiation in vitro following chemical sympathectomy. Journal of Neuroimmunology, 1994, 49, 77-87.	2.3	135
13	Bradykinin Produces Pain Hypersensitivity by Potentiating Spinal Cord Glutamatergic Synaptic Transmission. Journal of Neuroscience, 2005, 25, 7986-7992.	3.6	130
14	Peripheral noxious stimulation induces phosphorylation of the NMDA receptor NR1 subunit at the PKC-dependent site, serine-896, in spinal cord dorsal horn neurons. European Journal of Neuroscience, 2004, 20, 375-384.	2.6	125
15	Bradykinin Enhances AMPA and NMDA Receptor Activity in Spinal Cord Dorsal Horn Neurons by Activating Multiple Kinases to Produce Pain Hypersensitivity. Journal of Neuroscience, 2008, 28, 4533-4540.	3.6	99
16	Bradykinin and peripheral sensitization. Biological Chemistry, 2006, 387, 11-4.	2.5	79
17	The BMP Coreceptor RGMb Promotes While the Endogenous BMP Antagonist Noggin Reduces Neurite Outgrowth and Peripheral Nerve Regeneration by Modulating BMP Signaling. Journal of Neuroscience, 2011, 31, 18391-18400.	3.6	64
18	Similar Immune Response to Nonlethal Infection with Herpes Simplex Virus-1 in Sensitive (BALB/c) and Resistant (C57BL/6) Strains of Mice. Cellular Immunology, 1994, 157, 510-524.	3.0	43

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19	The effects of handling on antibody production, mitogen responses, spleen cell number, and lymphocyte subpopulations. Life Sciences, 1990, 46, 1937-1944.	4.3	34
20	Stressor-Induced Alterations in Immune Response and Viral Clearance Following Infection with Herpes Simplex Virus-Type 1 in BALB/c and C57Bl/6 Mice. Brain, Behavior, and Immunity, 1997, 11, 9-23.	4.1	33
21	NLRP3 inflammasome activation in human vestibular schwannoma: Implications for tumor-induced hearing loss. Hearing Research, 2019, 381, 107770.	2.0	33
22	Dragon Enhances BMP Signaling and Increases Transepithelial Resistance in Kidney Epithelial Cells. Journal of the American Society of Nephrology: JASN, 2010, 21, 666-677.	6.1	32
23	Localization and Action of Dragon (Repulsive Guidance Molecule b), a Novel Bone Morphogenetic Protein Coreceptor, throughout the Reproductive Axis. Endocrinology, 2005, 146, 3614-3621.	2.8	30
24	Increased pulmonary metastases and natural killer cell activity in mice following handling. Life Sciences, 1990, 47, 1813-1819.	4.3	24
25	Repeated intraperitoneal injections of saline attenuate the antibody response to a subsequent intraperitoneal injection of antigen. Brain, Behavior, and Immunity, 1989, 3, 90-96.	4.1	23
26	Sympathetic nervous system modulation of tumor metastases and host defense mechanisms. Journal of Neuroimmunology, 1992, 37, 191-201.	2.3	21
27	Regression of Schwannomas Induced by Adeno-Associated Virus-Mediated Delivery of Caspase-1. Human Gene Therapy, 2013, 24, 152-162.	2.7	21
28	Curriculum and Cases for Pain Medicine Crisis Resource Management Education. Anesthesia and Analgesia, 2013, 116, 107-110.	2.2	21
29	The rostromedial tegmental nucleus: a key modulator of pain and opioid analgesia. Pain, 2019, 160, 2524-2534.	4.2	21
30	Schwannoma gene therapy by adeno-associated virus delivery of the pore-forming protein Gasdermin-D. Cancer Gene Therapy, 2019, 26, 259-267.	4.6	20
31	Gene therapy with apoptosis-associated speck-like protein, a newly described schwannoma tumor suppressor, inhibits schwannoma growth in vivo. Neuro-Oncology, 2019, 21, 854-866.	1.2	18
32	Imaging and therapy of experimental schwannomas using HSV amplicon vector-encoding apoptotic protein under Schwann cell promoter. Cancer Gene Therapy, 2010, 17, 266-274.	4.6	15
33	A novel imaging-compatible sciatic nerve schwannoma model. Journal of Neuroscience Methods, 2011, 195, 75-77.	2.5	15
34	Neural, Endocrine, and Immune System Interactions. Advances in Experimental Medicine and Biology, 1998, 438, 541-549.	1.6	12
35	Intratumoral injection of schwannoma with attenuated Salmonella typhimurium induces antitumor immunity and controls tumor growth. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	12
36	The Effects of Handling Adult Mice on Immunologically Relevant Processes. Annals of the New York Academy of Sciences, 1992, 650, 262-267.	3.8	11

#	Article	IF	Citations
37	Activation of GABAergic Neurons in the Rostromedial Tegmental Nucleus and Other Brainstem Regions Promotes Sedation and Facilitates Sevoflurane Anesthesia in Mice. Anesthesia and Analgesia, 2021, 132, e50-e55.	2.2	11
38	Headache Plus: Trigeminal and Autonomic Features in a Case of Cervicogenic Headache Responsive to Third Occipital Nerve Radiofrequency Ablation: Table 1. Pain Medicine, 2014, 15, 473-478.	1.9	8
39	Changes in Pain Medicine Training Programs Associated With COVID-19: Survey Results. Anesthesia and Analgesia, 2021, 132, 605-615.	2.2	7
40	Do Pain Medicine Fellowship Programs Provide Education in Practice Management? A Survey of Pain Medicine Fellowship Programs. Pain Physician, 2018, 21, E43-E48.	0.4	4
41	Ethical Challenges and Interventional Pain Medicine. Current Pain and Headache Reports, 2012, 16, 1-8.	2.9	3
42	An Important Step Forward in the Safe Use of Epidural Steroid Injections. Anesthesiology, 2015, 122, 964-966.	2.5	3
43	Developing myelin specific promoters for schwannoma gene therapy. Journal of Neuroscience Methods, 2019, 323, 77-81.	2.5	3
44	Transcriptomic signature of painful human neurofibromatosis type 2 schwannomas. Annals of Clinical and Translational Neurology, 2021, 8, 1508-1514.	3.7	3
45	Schwannoma Gene Therapy via Adeno-Associated Viral Vector Delivery of Apoptosis-Associated Speck-like Protein Containing CARD (ASC): Preclinical Efficacy and Safety. International Journal of Molecular Sciences, 2022, 23, 819.	4.1	2
46	635. Mechanisms of Caspase-1 Mediated Schwannoma Regression. Molecular Therapy, 2015, 23, S252.	8.2	0
47	Pain Education Innovations During a Global Pandemic. Pain Medicine, 2021, 22, 1891-1896.	1.9	0